

U. S. Department of Agriculture
Statistical Reporting Service and
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Environmental Science Services Admn.
Weather Bureau

Nebraska Department of Agriculture
Division of Agr'l. Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 9/14/70

Week Ending 9/14/70

WEATHER The hot weather that had prevailed in Nebraska since August 24th came to an abrupt end on Wednesday, September 9th as cold air invaded the State. Freezing temperatures were reported at some localities in the Sandhills and the west the following morning. A number of sites had readings in the 20's with the lowest reported being 25 degrees at Agate. Temperatures were in the mid to low 40's in the east. A new surge of cold air on Sunday brought state-wide precipitation and held the temperatures in the 30's and 40's all day long. Rain was still persisting Monday morning. Amounts were generally less than a half inch in the west and north but ranged from three-quarters to an inch and a half in the southeast.

Temperatures for the week averaged from five to ten degrees below normal.

CROPS Corn, sorghum and soybean harvest was getting under way in many areas but has been halted by week-end moisture. Scattered light frost occurred in some western areas but little crop damage was noted.

Wheat planting gained momentum with many farmers seeding in dry ground. About 20 percent of the acreage has been planted, a little behind recent years. Emergence has started in some fields where moisture was adequate. Top soil moisture conditions are improved now, and emergence should be much more uniform. Some acreage in the west will have to be replanted as strong winds caused wind erosion.

Warm temperatures early in the week helped corn mature, and about 70 percent has reached maturity compared to a normal of 62 percent. Silage cutting continued in some areas as farmers add to winter forage supplies. Most of the grain harvested needs artificial drying but there were reports of grain moisture content below 20 percent.

Many sorghum fields are turning color but some drought fields are shooting sucker heads. About 30 percent of the fields are ripe, much ahead of recent years.

Soybean maturity is a little ahead of recent years with 35 percent of the acreage shedding leaves and 10 percent matured.

Dry bean harvest is nearing the half-way point with yields somewhat variable. Strong winds rolled windrows causing harvesting problems and some field losses. Conditions were generally favorable for sugar beets with irrigation continuing. Potato digging was under way before the rains. Fall sown legumes are up, but grasshoppers have caused some losses along field borders. About 25 percent of the fourth crop of alfalfa has been cut.

LIVESTOCK Livestock conditions are generally improved by the cooler temperatures. Some dust pneumonia was caused by grazing very dry ranges and pastures. Cool season grasses should start responding to the more favorable conditions.

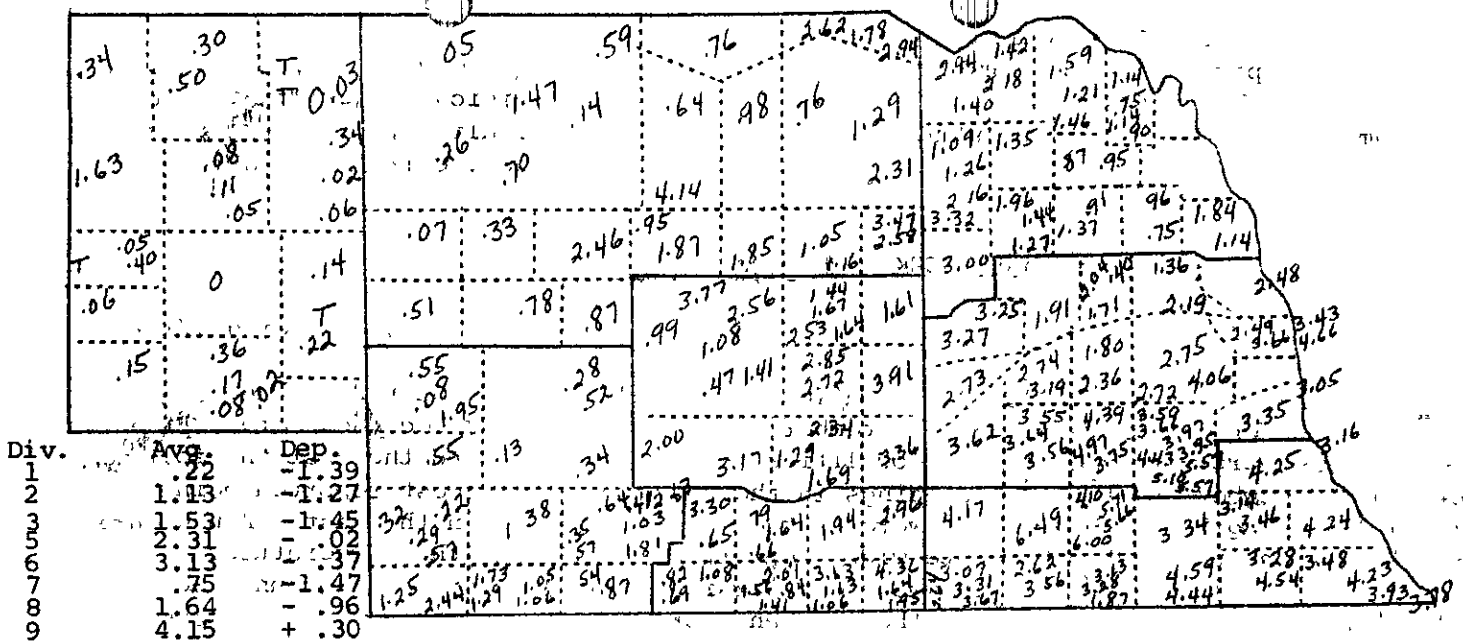
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 13, 1970

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.27	Burwell	.06	Chadron	.28
Lincoln	1.24	North Platte	.51	Imperial	.18
Norfolk	.61	Valentine	.13	Scottsbluff	.24
Omaha	.72			Sidney	.20
Sioux City	.46				

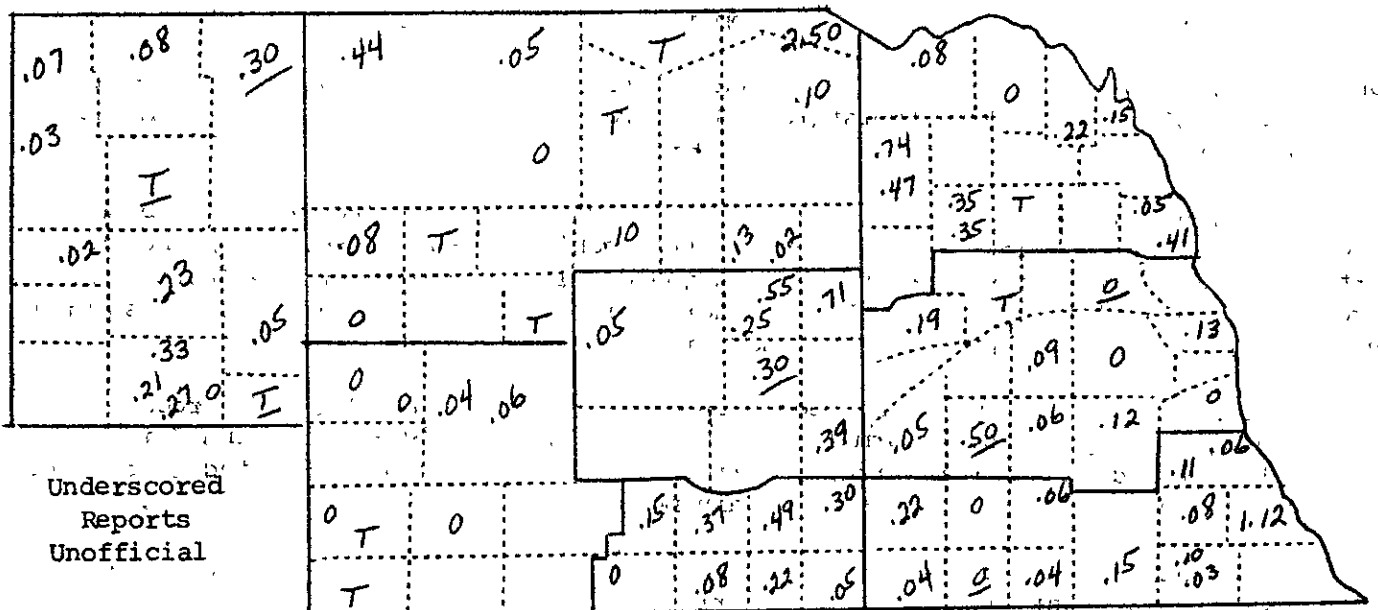
Precipitation, April 1 - September 11, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.14	.25	.26	.34	.11	.03	.24	.08
Total since April 1	11.10	11.82	13.72	12.16	14.83	9.57	12.43	17.67
Normal since April 1	18.88	14.41	17.03	15.60	18.31	13.56	15.80	19.94

PRECIPITATION MAP FOR MONTH OF AUGUST 1970



PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 11, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.; Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		September		7th		8th		9th		10th		11th		12th		13th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	83	61	91	52	62	33	77	46	87	37	45	32	41	40		
	Scottsbluff	81	45	90	51	63	33	78	44	88	33	52	33	38	38		
	Sidney	83	45	88	49	67	29	78	40	91	34	54	32	42	36		
NC	Burwell	85	53	90	58	71	36	76	48	85	43	57	--	45	40		
	Valentine	83	60	82	56	69	35	77	54	88	41	52	36	43	39		
NE	Norfolk	82	56	89	70	71	42	72	53	78	51	66	41	46	41		
	Sioux City	81	58	88	66	73	45	73	48	79	56	61	44	52	45		
CEN	Grand Island	84	57	85	69	75	41	73	49	83	49	68	43	47	44		
EC	Lincoln	83	59	88	70	84	46	73	54	80	58	58	46	48	45		
	Omaha	81	60	87	68	83	44	72	52	76	58	64	46	47	44		
SW	Imperial	85	54	93	57	70	36	76	45	94	40	62	37	41	40		
	North Platte	84	55	91	57	72	30	74	53	92	42	59	37	41	40		

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